

ABSTRACT

A plant container and sidewall comprising a nonporous root-tip-trapping region and a porous air-root-pruning region combined to form the sidewall. The regions may be configured in various patterns including rows, columns, dots, and checkerboard. However, the most preferred configuration has the root-tip-trapping region forming a continuous upper portion of the sidewall and the air-root-pruning region forming the lower portion of the sidewall. Preferably, the root-tip-trapping region will form between $1/2$ and $9/10$ of the sidewall, most preferably between $2/3$ and $3/4$ of the sidewall. The advantages of the unique sidewall construction include preventing root circling, promoting water conservation, eliminating perched water tables, and providing proper aeration. These advantages promote plants that are healthier overall and grow faster.